

# Manhole Inspection Summary

Manhole # S13Q\_\_020MH

Printed On: 3/9/2009

Page 1 of 5

**Inspection** ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **13Q** Node: **020** Status: **Found**

Insp Date: **1/5/09 10:18 AM**

Incomplete Comments

Crew: **wj,fw**  
Inspector: **wjenkins**  
Firm: **PER**

**Location** Address: **3100 Wilkens**

Cross Street: **Desoto Rd**

**Manhole** Type: **Inline** Location: **Woods**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments

**Cover** Shape: **Circular** Diameter: **36** (in.) Length: **0** (in.) Dist A/B Grade: **44** (in.)

Type: **Sanitary**

Condition: **Broken**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☒ Vented ☐ Water Tight ☐ Water Tight Insert

**Frame** Offset: **2** (in.)

Condition: ☐ Sound ☐ Cracked

☒ **Leaks**

**Chimney / Frame Adjustment** ☒ Exists Material: **Brick**

☐ Parged Height: **15** (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☐ None ☒ **Joint** ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Corbel** Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☒ **Loose Brick** ☒ **Deteriorated**

Infiltration: ☐ None ☐ Joint ☒ **Cracks** ☐ Mortar ☐ Roots ☒ **Wall**

**Barrel** Material: **Brick**

☐ Parged

Shape: **Circular**

Diameter: **48** (in.) Length: **0** (in.)

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☒ **Loose Brick** ☒ **Deteriorated**

Infiltration: ☐ None ☐ Joint ☒ **Cracks** ☒ **Mortar** ☐ Roots ☒ **Wall**

**Bench** ☒ Exists Material: **Brick**

☐ Parged

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

**Channel** Material: **Brick**

☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth: **0**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

**Steps** Count: **5** Missing: **1** ☒ **Corroded**

**Surcharge** ☒ **Evidence Of Surcharge** Depth: **4** (ft.) ☐ Active Surcharge Present

# Manhole Inspection Summary

Manhole # S13Q\_\_020MH

Printed On: 3/9/2009

Page 2 of 5

Location View



Top View



Additional Top View



cover pic



defects on mh



missing bricks

loc 2



repairs



repairs in barrel

Defect



Offset

Defect 6



debris between rungs

Defect 5



missing bricks , mortar and infiltration barrel area

Defect 4



corroded rung, signs of surcharge

Defect 3



missing bricks, mortar, as well as infiltration corbel



Defect 2



corbel missing mortar cracked bricks

Defect 1



chimney deteriorated, Id/frame infiltration

## Manhole Inspection Summary

Manhole # S13Q\_\_020MH

Printed On: 3/9/2009

Page 5 of 5

18 in. Circular Gravity Sewer  
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **18** (in.) Rod and Bar (Angled)  
Pipe Material: **Concrete** ☐ Pipe Lined  
Invert Depth: **11.64** (ft.) Flow Characteristics: **Fast**  
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease  
Silt Depth: **0** (in.) Deposits Extent:  
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

18 in. Circular Gravity Sewer  
Pipe In @ 5 O'Clock

5 O'Clock Inflow



Pipe Height: **18** (in.) Rod and Bar (Angled)  
Pipe Material: **Concrete** ☐ Pipe Lined  
Invert Depth: **11.15** (ft.) Flow Characteristics: **Fast**  
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease  
Silt Depth: **0** (in.) Deposits Extent:  
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection